



# THE ASSAM GAZETTE

অসাধাৰণ

EXTRAORDINARY

প্ৰাপ্ত কৰ্তৃত্বৰ দ্বাৰা প্ৰকাশিত

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GOVERNMENT OF ASSAM

ORDERS BY THE GOVERNOR

ASSAM ELECTRICITY REGULATORY COMMISSION

## NOTIFICATION

The 25th March, 2025

### **AERC (GRANT OF CONNECTIVITY TO THE INTRA STATE TRANSMISSION SYSTEM), REGULATIONS, 2025.**

**No.AERC.980/2025/14.-** In exercise of powers under Sections 181 of the Electricity Act, 2003, read with Section 86 (1) (c) and all powers enabling it in that behalf, the Assam Electricity Regulatory Commission hereby frames the following the Assam Electricity Regulatory Commission (Grant of Connectivity to the Intra State Transmission System) Regulations, 2025. These regulations lay down the rules and guidelines to be followed by various agencies and participants in order to get connected to the Intra-State transmission system (InSTS). These Regulations have been framed with an objective to plan, develop, maintain and operate the intra-State transmission system, a part of North Eastern Regional Grid System, in most efficient, reliable, economic and secure manner, while facilitating a healthy competition in the generation and supply of electricity;

## **CHAPTER 1 PRELIMINARY**

### **1. Short Title and Commencement**

- 1.1. These regulations may be called the Assam Electricity Regulatory Commission (Grant of Connectivity to the Intra State Transmission System) Regulations, 2025
- 1.2. These Regulations shall extend to the whole State of the Assam.
- 1.3. These regulations shall come into force from the date of gazette notification.

## **2. Extent of Application**

- 2.2. This Regulation shall apply to the Applications made for Grant of Connectivity to the Intra State Transmission System (InSTS), received by the State Transmission Utility (STU) on or after the coming into force of the Regulations.

## **3. Definition**

- 3.1. In these regulations, unless the context otherwise requires:

- (a) "Act" means the Electricity Act, 2003;
- (b) "Associated Transmission System" or "ATS" for Applicant(s) for Connectivity means the ATS as determined in accordance with these regulations;
- (c) "Bilateral Transaction" means a transaction, other than collective transaction, for exchange of power between a specified buyer and a specified seller directly or through a trading licensee or at a Power Exchange;
- (d) "CEA Registry" means the Registry for maintaining database of generating stations as specified in the CEA Technical Standards for Connectivity;
- (e) "CEA Technical Standards for Connectivity" means the Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007 and amendments thereof;
- (f) "CEA Technical Standards for Construction" means the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2010 and amendments thereof;
- (g) "Central Commission" means the Central Electricity Regulatory Commission referred to in sub-section (1) of Section 76 of the Act;
- (h) "Central Transmission Utility" or "CTU" shall have the same meaning as defined in sub-section 10 of Section 2 of the Act;
- (i) "Collective Transactions" means the Collective Transactions as defined in the Power Market Regulations and amendments thereof;
- (j) "Communication Regulations" means the Central Electricity Regulatory Commission (Communication System for inter-State transmission of electricity) Regulations, 2017 and amendments thereof;
- (k) "Commission or AERC" means the Assam Electricity Regulatory Commission referred to in Section 82 of the Act;
- (l) "Connectivity" means the state of getting connected to the intra-State transmission system in accordance with these regulations;

- (m) "Connectivity Regulations, 2009" means the Central Electricity Regulatory Commission (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State Transmission and related matters) Regulations, 2009 and amendments thereof;
- (n) "Cross Border Regulations" means the Central Electricity Regulatory Commission (Cross Border Trade of Electricity) Regulations, 2019 and amendments thereof;
- (o) "Day" means the day starting at 00.00 hours and ending at 24.00 hours;
- (p) "Dedicated transmission lines" shall have the same meaning as defined in sub-section (16) of Section 2 of the Act;
- (q) "Drawee Entity" means an entity who is connected to or seeking to connect to the state grid with the intent of drawal of Power;
- (r) "Energy Storage System" or "ESS" in relation to the electricity system, means a facility where electrical energy is converted into any form of energy which can be stored, and subsequently reconverted into electrical energy and injected back into the grid;
- (s) "Connectivity Grantee" means an entity who has been granted connectivity to the InSTS or is deemed to have been granted connectivity as per relevant regulations;
- (t) "State Grid Code" means the AERC Electricity Grid Code 2024 and amendments thereof.
- (u) "Inter-State transmission system" or "ISTS" means inter-State transmission system as defined in sub-section (36) of Section 2 of the Act;
- (v) "Injecting Entity" means an entity who is connected to or seeking to connect to the state grid with the intent of injection of Power.
- (w) "State transmission system" or "InSTS" means intra-State transmission system as defined in the AERC Electricity Grid Code Regulations 2024
- (x) "Intra-State entity" means an entity whose metering is done either by the State Transmission Utility or the Distribution Licensee, as the case may be, and energy accounting is done by the State Load Despatch Centre or any other agency so authorized;
- (y) "Interface Meter" shall have the same meaning as defined in the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and amendments thereof.;
- (z) "Lead ESS" means
  - (i) an ESS which is authorized by one or more ESS(s) or generating station(s) through an agreement for applying for Connectivity to the InSTS at a single inter-connection point:

or

- (ii) an ESS already having Connectivity to the InSTS, and through whose electrical system, Connectivity is being sought by one or more ESS(s) or generating station(s) through an agreement.
- (aa) "Lead Generator" means,
  - (i) a generating station which is authorized by one or more generating station(s) or ESS(s) through an agreement for applying for Connectivity to the InSTS at a single connection point: or
  - (ii) a generating station already having Connectivity to the InSTS, and through whose electrical system, Connectivity is being sought by one or more generating station(s) or ESS(s) through an agreement.
- (bb) "National Load Despatch Centre" or "NLDC" means the National Load Despatch Centre (NLDC) established under sub-section (1) of Section 26 of the Act;
- (cc) "Nodal Agency" means the agency designated for Connectivity to the InSTS, which shall be the State Transmission Utility (STU);
- (dd) "Open Access Regulations" means the Assam Electricity Regulatory Commission (Terms and Conditions of Open Access) Regulations, 2024 and amendments thereof;
- (ee) "Regional Entity" shall have the same meaning as defined in the Grid Code;
- (ff) "Regional Load Despatch Centre" or "RLDC" means the Regional Load Despatch Centre established under sub-section (1) of Section 27 of the Act;
- (gg) "Renewable Energy Generating Station" or "REGS" means a generating station based on a renewable source of energy with or without Energy Storage System and shall include Renewable Hybrid Generating Station;
- (hh) "Renewable Hybrid Generating Station" or "RHGS" means a generating station based on hybrid of two or more renewable source(s) of energy with or without Energy Storage System, connected at the same inter-connection point;
- (ii) "Renewable Power Park Developer" means an entity authorized by the Central Government or a State Government as Power Park developer for Renewable Energy Generating Station(s);
- (jj) "SLDC" means State Load Despatch Centre established under sub-section of section 31 of the Act;
- (kk) "State Grid" will have the same definition as in AERC State Grid Code 2024;
- (ll) "State Transmission Utility" or "STU" shall have the same meaning as defined AERC GRID CODE 2024;



(mm) "Terminal bay" means the bay at InSTS sub-station where dedicated transmission lines of a Connectivity grantee terminate;

3.2. Words and expressions used in these regulations and not defined herein but defined in the Act or any other regulations specified by the Commission shall, unless the context otherwise requires, have the meanings assigned to them under the Act or other regulations specified by the Commission, as the case may be.

3.3. Reference to any Acts, Rules and Regulations shall include amendments or consolidation or re-enactment thereof.

## **CHAPTER 2**

### **GENERAL PROVISIONS**

#### **4. General Provisions for Connectivity to the InSTS**

- 4.1 Any Applicant seeking Connectivity to the InSTS shall have to apply for General Connectivity in compliance to the provisions of these regulations.
- 4.2 Applicant seeking connectivity to the ISTS through InSTS, shall have to apply for Connectivity in compliance to provisions of this regulations. After grant of Connectivity to the InSTS by the Nodal Agency, the applicant may proceed for Grant of Connectivity and Access to the ISTS as per provisions of CERC (Connectivity and General Network Access to the Interstate Transmission System) Regulation'2022 and amendments thereof.
- 4.3 Applicants seeking Open Access as per the provisions of AERC (Terms & Conditions for Open Access) Regulations 2024 (and amendments thereof) will also have to apply for General Connectivity under this regulation.

#### **4.4 Effective Date of Grant of Connectivity to InSTS:**

- (a) For Connectivity grantees covered under Regulation 5.1 of these regulations, the effective date of Connectivity to InSTS of such Connectivity grantees shall be the start date of Connectivity or COD of augmentation with or without ATS, whichever is later.

Provided that where only some of the transmission elements of the ATS have achieved COD before the COD of the ATS and the Connectivity grantee seeks part effectiveness of its Connectivity, the Nodal Agency shall make such part Connectivity to InSTS effective, subject to availability of transmission/distribution system.

Provided also that where such Connectivity to InSTS is yet to become effective, such entity shall be eligible to get its power scheduled partly or fully of the quantum of Connectivity sought for, subject to availability of transmission system.

- (b) For entities covered under Regulation 5.2, in case the effective date of Connectivity to InSTS intimated in the grant of Connectivity to InSTS is to be revised keeping in view COD of the augmentation identified at the time of grant of the Connectivity to InSTS, the Nodal Agency shall, at least 3 (three) months prior to the revised effective date of Connectivity to InSTS, give a notice to such entities, indicating the revised date from which the Connectivity to InSTS shall be effective.
- (c) For entities covered under Regulation 5.2, where such entity seeks to advance the date from which Connectivity to InSTS shall be effective for full or part quantum of Connectivity to InSTS granted, the Nodal Agency shall make such Connectivity to InSTS effective, subject to availability of transmission/distribution system.

### **CHAPTER 3**

#### **GENERAL CONNECTIVITY TO THE InSTS**

##### **5. Eligibility for General Connectivity to the InSTS**

5.1. The following injecting entities shall be eligible as Applicants to apply for grant of General Connectivity to the InSTS or for enhancement of the quantum of Connectivity:

- (a) Generating station(s), Standalone ESS, Renewable Power Park Developer, including REGS(s), with or without ESS, with an installed capacity of 25 MW and above individually or with an aggregate installed capacity of 25 MW and above through a Lead Generator or a Lead ESS connected to the State Grid;
- (b) Captive generating plant with capacity for injection to InSTS of 25 MW and above;
- (c) REGS or standalone ESS with an installed capacity of 25 MW and above applying for grant of Connectivity through the electrical system of a generating station already having Connectivity to the InSTS:

Provided that such an entity applying for grant of Connectivity to InSTS has an agreement with the said generating station to share its electrical system and dedicated transmission lines, if any.

5.2 The following drawee entities shall be eligible as Applicants to apply for grant of Connectivity to the InSTS or for enhancement of the quantum of Connectivity :

- (a) A distribution licensee.
- (b) A Distribution Licensee on behalf of the drawee entity connected to or seeking to connect to their network.
- (c) A Drawee entity, connected to or seeking to connect to InSTS directly, with a load of 15 MW and above.
- (d) Trading licensees engaged in cross border trade of electricity in terms of the Cross Border Regulations.

They shall have to adopt the procedures as enlisted under the CERC (Connectivity and General Network Access to the Interstate Transmission System) Regulation'2022 and amendments thereof, in addition to this regulation.

- (e) Transmission licensee seeking to connect to InSTS for drawal of auxiliary power.

5.3 Notwithstanding anything contained in Regulation 5.1, the entities having Connectivity shall be eligible, on payment of application fees, to apply for enhancement of Connectivity of less than >1 and <5 MW subject to available capacity in the transmission and distribution system.

- 5.4 Entities not covered under Regulation 5.1 and 5.2, which as on the date of coming into force of these regulations, are connected to the InSTS shall have to apply for ratification of connectivity for the quantum equal to the existing Contract Demand. .  
Provided such entities will be exempted from payment of the application fees and submission of BG mentioned in these Regulations.
- 5.5 The Applicant covered under Regulation 5.2 (c) of these regulations, may seek to connect at a terminal bay of an InSTS sub-station already allocated to another such entity under regulation 5.2 c), with an agreement duly signed between the Applicant and the said entity for sharing the terminal bay.

## **6. Application for Grant of General Connectivity to InSTS.**

- 6.1. Applications for Grant of Connectivity to the InSTS shall be made to the Nodal Agency and shall be duly signed by the Applicant.
- 6.2. Each application for grant of Connectivity to the InSTS shall be accompanied by an application fee of Rs.1 lakh along with applicable taxes.
- 6.3. An acknowledgement for receipt of application bearing date and time of application shall be issued to the Applicant and a copy thereof shall be displayed on the website of the Nodal Agency.
- 6.4. All applications for grant of Connectivity received from the Applicants covered under Regulation 4.1 of these regulations, during the month by 2400 hours of the last day of the month, shall be processed together. The inter-se priority of applications shall be accorded as per the date and time of receipt of the application, wherever required.
- 6.5. After scrutiny, the Nodal Agency shall intimate the minor deficiency(ies), if any, in the application for grant of General Connectivity to the InSTS, to the Applicant within 30 days of the receipt of application, in order of date and time of receipt of application.
- a) The Applicant shall rectify the deficiency within 15 days thereafter, failing which the application shall be closed and 20% of the application fee shall be forfeited. Balance 80% of the application fee shall be refunded by the Nodal Agency to the Applicant within 15 days of closure of the application.

Provided that date and time stamp of the application shall not be changed due to rectification of minor deficiency(ies) within stipulated time.

Provided further that the Nodal Agency shall publish a list of minor deficiency(ies) and update it from time to time, as required. Any application having deficiencies other than the listed minor deficiencies shall be treated as incomplete and shall be rejected.

- b) If any application for grant of Connectivity to the InSTS complete in all respect is withdrawn before the in-principle grant of Connectivity, the Nodal Agency shall deal with such cases in the following manner:

- i) 50% of the application fee shall be forfeited.
  - ii) Balance 50% of the application fee, BG submitted in terms of Clause(vii) (c) or Clause (xi) (b) of regulation 6.13 of these regulations, as the case may be, shall be refunded by the Nodal Agency within 30 days of withdrawal of the application.
- c) If any application is withdrawn for partial quantum based on the availability of evacuation capacity at the substation at which Connectivity has been sought before the in-principle grant of Connectivity, such cases shall be dealt with by the Nodal Agency in the following manner:
- i) BG submitted in terms of Clause (vii)(c) or Clause (xi) (b) of Regulation 6.13 of these regulations, as the case may be, shall be refunded to the Applicant within 15 days of withdrawal of the application for the proportionate quantum which is withdrawn.
  - ii) For applicants covered under sub-clause (b) of Clause (vii) of Regulation 6.13 of these regulations or sub-clause (b) of Clause (xi) of Regulation 6.13 of these regulations, the applicant shall intimate the details of the land documents corresponding to the quantum withdrawn and the Nodal Agency shall release such documents.
- d) If any application is withdrawn after the in-principle grant of Connectivity and before the final grant of Connectivity, the Nodal Agency shall deal with such cases in the following manner:
- i) 100% of the application fee shall be forfeited;
  - ii) 5% of the BG submitted in terms of Clause (vii)(c) or Clause (xi)(b) of Regulation 6.13 of these regulations, as the case may be, shall be forfeited and balance 95% of BG shall be returned to the Applicant within 15 days of withdrawal of the application.
  - iii) If Conn BG1, Conn-BG2, Conn-BG3, as applicable, have been furnished, Conn BG-1, Conn-BG2 shall be encashed and Conn-BG3 shall be returned by the Nodal Agency:  
  
Provided that where ATS or terminal bays have not been awarded for implementation as on the date of withdrawal, Conn-BG2 shall be returned to the Applicant within 15 days of such withdrawal of the application.
  - iv) Application shall be closed within a period of 15 days from the date of withdrawal under intimation to the Applicant;
- e) If any application is withdrawn after the final grant of Connectivity and before the signing of the Connectivity Agreement, the Nodal Agency shall deal with such cases in the following manner:

- i) 100% of the application fee shall be forfeited;
- ii) 25% of the BG submitted in terms of Clause (vii) (c) or Clause (xi) (b) of Regulation 6.13 of these regulations, as the case may be, shall be forfeited and balance 75% of BG shall be returned to the Applicant within 15 days of withdrawal of the application.
- iii) Conn BG1, Conn-BG2 shall be encashed and Conn-BG3 shall be returned to the Applicant:  
Provided that where ATS or terminal bays have not been awarded for implementation as on the date of withdrawal, Conn-BG2 shall be returned to the Applicant within 15 days of such withdrawal of the application.
- iv) Application shall be closed within a period of 15 days from the date of withdrawal under intimation to the Applicant;
- f) Any withdrawal of application for partial quantum shall only be permitted under Regulation 6.5 b) and shall not be permitted under Clauses 6.5 c) and 6.5 d) of this Regulation.
- g) An applicant whose Bank Guarantee (BG) is to be encashed may opt to pay the equivalent amount through online payment mode, in lieu of such encashment of BG under these regulations and seek the return of the BG.

## **6.6 Application for Grant of General Connectivity by an Injecting Entity**

- a) An Applicant, which is a generating station including REGS, shall apply for grant of Connectivity to the Nodal Agency for the quantum equal to the installed capacity of the generating station.

Provided that if such an applicant already has connectivity to the network of the Distribution licensee for part of its installed capacity, it may apply for connectivity to the InSTS for a quantum not exceeding the balance of the installed capacity.

Provided further, that if such an applicant is a renewable hybrid generating station or REGS with storage, it may apply for grant of connectivity for the quantum less than or equal to the installed capacity.

- b) Notwithstanding anything contained in Regulation 6.6 a), a renewable hybrid generating station or REGS with storage or ESS, with prior approval of the Nodal Agency, shall be eligible to add, within the quantum of Connectivity granted to it, additional generation capacity or ESS, including the capacity owned by any other entity;

Provided that the generating station or the ESS being the existing Connectivity Grantee shall be responsible for compliance with the State Grid Code and other regulations of the State & Central Commission for such additional generating capacity including ESS as "Lead Generator" or "Lead ESS" as the case may be.



Provided further that net injection at any point of time shall not exceed the quantum of total connectivity granted to the existing connectivity Grantee.

- c) An Applicant, which is a captive generating plant, shall apply for grant of Connectivity for a quantum of its proposed maximum injection to the InSTS.
- d) An Applicant, which is a standalone ESS, shall apply for grant of Connectivity for a quantum of its proposed maximum injection to the InSTS or proposed maximum drawal from the InSTS, whichever is higher.
- e) An Applicant, which is a Renewable Power Park Developer, shall apply for grant of Connectivity for the quantum for which it has been authorised by the Central Government or the State Government as a Renewable Power Park developer.

#### **6.7 Application for Grant of additional General Connectivity to InSTS by Distribution Licensee**

- a) Within 3 months of coming into force of these regulations, Distribution Licensee may apply for additional connectivity to InSTS over and above the connectivity to InSTS deemed to have been granted under clauses (a) to (e) of Regulation 17.1 of these regulations.

Distribution Licensee may also apply for additional connectivity to the InSTS on behalf of drawee entities connected to their network with entity-wise segregation.

The above application shall clearly specify the quantum of connectivity sought from within the state and outside the state.

- b) Distribution Licensee may apply as per provisions under this regulation, once in a financial year (starting from the financial year following the financial year in which these regulations have become effective) by the month of July each year, for additional Connectivity to InSTS for the next 3 (three) financial years (with entity-wise segregation) indicating Connectivity to InSTS within the state and from outside the state, as stipulated in the 'Detailed Procedure for Connectivity to InSTS.

Provided that such additional Connectivity to InSTS quantum to be added in each of the next three financial years shall be applicable from a specified date of the respective financial year.

#### **6.8 Application for Grant of Connectivity to InSTS by drawee entities other than Distribution Licensee**

- a) Entities covered under clauses (c) of Regulation 5.2 of these regulations may apply for Connectivity to InSTS indicating bifurcation of Connectivity to InSTS within the state and outside the state, from a specified date, for a specified quantum, and for a specified period of more than eleven months.



- b) Entities covered under Regulation 5.2 (d) of these regulations, may separately apply for connectivity as per provisions of CERC (Connectivity and General Network Access to the Interstate Transmission System) Regulation'2022 and amendments thereof in addition to this regulation.
- c) Entities covered under Regulation 5.2 (e) of these regulations, may apply for Connectivity to InSTS from a specified date, for a specified quantum, and for a specified period of more than eleven months.

6.9 An Applicant may apply for grant of Connectivity at

- a) A newly constructed terminal bay of an STU sub-station or a terminal bay already allocated to another Connectivity grantee or
- b) Switchyard of a generating station having Connectivity to InSTS, with an agreement duly signed between the Applicant and the said Connectivity grantee or the generating station having Connectivity to the InSTS, as the case may be, for sharing the terminal bay or the switchyard and the dedicated transmission lines, if any.

6.10 Two or more Applicants may apply for grant of Connectivity at a common terminal bay with an agreement duly signed by such Applicants for sharing the dedicated transmission lines and the terminal bay(s) subject to compliance with CEA (Technical Standards for Connectivity to the Grid) Regulations, 2007, and amendments thereof.

6.11 An application for grant of General Connectivity to the InSTS as per provisions under clause 6.7 and 6.8 of this regulation from an entity, will be considered only once in a financial year (starting from the financial year following the financial year in which these regulations have become effective).

6.12 Entities covered under Regulation 6.6 and 6.7 of these regulations, may apply for Connectivity to InSTS from a specified date, for a specified quantum and for a specified period of more than eleven months.

6.13 The application for grant of Connectivity shall contain, inter alia, the following details, as applicable, duly supported with relevant affidavit, as stipulated in the Detailed Procedure for Connectivity.

- (i) Geographical location and installed capacity under Regulation 6.6 of these regulations;
- (ii) Maximum quantum of power to be interchanged with the InSTS and preferred point of connection to the InSTS;
- (iii) Date from which Connectivity is being sought;
- (iv) Bank generated proof of payment for application fee;
- (v) In case of a Company, Board Resolution authorizing a designated person for filing of application for grant of Connectivity;
- (vi) Registration Number along with certificate issued by the CEA Registry as applicable;

- (vii) In case of Renewable Power Park Developer, the documents shall be submitted in combination of clauses (a) and (b) or combination of clauses (a) and (c) as specified hereunder:
- (a) Authorisation by the Central Government or the State Government, as applicable, to undertake infrastructural activities including arrangement for Connectivity on behalf of solar power generators or wind power generators;
  - (b) Registered Title Deed as proof of Ownership or lease rights or land use rights for 50% of the land required for the capacity for which Connectivity is sought: Provided that where State Government issues Government Order for allotment of Land to the Nodal-Agency identified for development of Renewable energy in the State, which in turn issues Advance Possession of land to the project developer, such Government Order allotting land to the Nodal Agency accompanied with Advance Possession letter issued in the name of Applicant of Connectivity, shall be considered as a valid document towards Land Use Rights subject to the condition that the said documents shall be submitted for atleast 50 % of the land required for the capacity for which Connectivity is sought; OR
  - (c) For a capacity up to 25 MW Bank Guarantee of Rs. 5 lakh/MW and for a capacity more than 25MW-Bank Guarantee of Rs.1.25 Crore plus Rs.2.5 lakh/MW for capacity over and above 25MW, in lieu of ownership or lease rights or land use rights of land for 50% of the land required for the capacity for which Connectivity is sought.
- (viii) In case of application through Lead generator or Lead ESS, as the case may be, the Agreement for sharing the dedicated transmission lines and terminal bay and the consent of the Lead Generator or Lead ESS, as the case may be, to be responsible for compliance of the provisions of State regulation;
- (ix) In case of the Applicant covered under Regulation 6.9(b) of these regulations, the Agreement between the Applicant and the Connectivity grantee or the generating station having Connectivity to the InSTS for sharing the terminal bay or the switchyard, as the case may be, and the dedicated transmission lines, if any.  
In case of Applicant covered under Regulation 6.9(a) of these regulations, the Agreement between the Applicant(s) for sharing the terminal bay and the dedicated transmission lines, if any.
- (x) In case the applicant is already connected to or intending to connect to the network of the distribution licensee, the Applicant(s) shall enter into an agreement with the distribution licensee for use of the licensee' network clearly indicating the consent and availability of capacity in their system for such quantum and period of Connectivity to InSTS.
- (xi) In case of Applicants which are REGS (other than Hydro generating station) or ESS (excluding pumped storage plant (PSP)) the following documents shall be submitted:
- (a) Letter of Award (LOA) by, or Power Purchase Agreement (PPA) entered into with, a Renewable Energy Implementing Agency or a distribution licensee or an authorized agency on behalf of distribution licensee, LOA issued by a Central Government approved third party which is acting as an authorized representative of a generating station other than REGS replacing its scheduled generation by power supplied from REGS, consequent to tariff based competitive bidding, as the case may be:

Provided that:

- i) In case of REGS other than RHGS and RHGS located in a single place, for an application based on such LOA or PPA, an applicant shall be eligible to apply for Connectivity up to the installed capacity provided in the LOA or PPA. The connectivity under clause (a) of this Regulation shall be limited to the LOA or PPA quantum. For balance capacity, if any, the applicant shall be eligible to seek additional Connectivity based on sub-clause (b) of this Clause.
  - ii) In case of Applicant being multi-located REGS, where LOA or PPA provides location and installed capacity at each location, the applicant shall be eligible to seek the Connectivity up to the Installed capacity at each location provided in the LOA or PPA. In case the installed capacity is higher than the LOA or PPA quantum, the connectivity under clause (a) of this regulation at each location shall be limited to the LOA or PPA quantum. For balance capacity, if any, the applicant shall be eligible to seek additional Connectivity based on sub-clause (b) of this Clause.
- (b) Registered Title Deed as proof of Ownership or lease rights or land use rights for 50% of the land required for the capacity for which Connectivity is sought:

Provided that for States where State Government issues Government Order for allotment of Land to the Nodal Agency identified for development of Renewable energy in the State, which in turn issues Advance Possession of land to the project developer, such Government Order allotting land to the Nodal Agency accompanied with Advance Possession letter issued in the name of Applicant of Connectivity, shall be considered as a valid document towards Land Use Rights subject to the condition that the said documents shall be submitted for at least 50% of the land required for the capacity for which Connectivity is sought; OR

For a capacity up to 25 MW-Bank Guarantee of Rs. 5 lakh/MW and for a capacity more than 25 MW Bank Guarantee of Rs.1.25 Crore plus Rs. 2.5 lakh/ MW for capacity over and above 25 MW, in lieu of ownership or lease rights or land use rights of land for 50% of the land required for the capacity for which Connectivity is sought subject to provisions of these regulations;

- 6.14 For Applications covered under Clause (vii) and sub-clause (b) of Clause (xi) of Regulation 6.13 of these regulations, the quantum of land requirement/ MW shall be as published on the website of Nodal Agency. The land requirement/MW shall be worked out in consultation with the Commission and shall be updated from time to time based on feedback from stakeholders due to technology advancement or any other reason.
- 6.15 Applicants covered under Clause (vii) of Regulation 6.13 of these regulations or subclause (b) of Clause (xi) of Regulation 6.13 of these regulations may implement its project at a land parcel different (partly or fully) than as submitted while seeking Connectivity, under intimation to the Nodal Agency, with no change in the point of Connectivity with InSTS and the start date of Connectivity due to such implementation of project at a different land parcel.

**7. Interconnection Study by the Nodal Agency and provision of ATS**

- 7.1 On receipt of applications for grant of Connectivity, the Nodal Agency shall carry out interconnection study as specified in the CEA Technical Standards for Connectivity along with requirement of augmentation to the existing system, if any, for enabling transfer of power.

Provided that the existing system for the purpose of this Regulation shall include transmission system, which has been commissioned as on the last day of the month in which application for grant of Connectivity, complete in all respects, has been received:

Provided further that if any additional transmission system is planned for implementation before proposed date of Connectivity as per clause 6.13 of this regulation, such additional transmission system shall also be considered as existing system.

Provided that, in case of an entity(s) already connected to or intending to connect to the network of the distribution licensee, the agreement with the concerned Distribution Licensee to be furnished as per clause 6.13 x) shall be taken into consideration.

- 7.2 Of the augmentation requirement as identified under Regulation 7.1 of these regulations, augmentation required for immediate evacuation of power of the Applicant (s), excluding terminal bay(s), shall be considered as the Associated Transmission System (ATS) for the Applicant(s).

**8 In-principle Grant of General Connectivity to the state grid by the Nodal Agency**

- 8.1 In the event the Nodal Agency after the interconnection study undertaken in accordance with Regulation 7.1 of these regulations, determines that no augmentation is required, the Nodal Agency shall intimate in-principle grant of Connectivity to the Applicant within 45 days from the last day of the month in which the application had been received along with details such as terminal bay(s), already available.
- 8.2 In case the Nodal Agency, after the interconnection study undertaken in accordance with Regulation 7.1 of these regulations, determines that augmentation (with ATS or without ATS) is required, the Nodal Agency shall intimate in-principle grant of Connectivity to the Applicant within 90 days from the last day of the month in which the application had been received:

Provided that if system strengthening of network of distribution licensee is required, the cost estimate and likely completion schedule shall be obtained from the distribution licensee. The distribution licensee shall have to forward the same to the nodal agency within 45 days of receipt of such request.

Provided that intimation for in-principle grant of Connectivity shall mention the requirement of augmentation (with ATS or without ATS) and terminal bay(s), estimated cost of such augmentation (with ATS or without ATS) and terminal bay(s), minimum design features for

dedicated transmission lines to be constructed by the Applicant and the likely date of start of Connectivity:

Provided further that the date of start of Connectivity shall be confirmed at the time of final grant of Connectivity.

### **8.3 Grant of additional General Connectivity to InSTS to the Distribution Licensee**

- a) The Nodal Agency shall process all applications received under Regulation 6.7 of these regulations together, within ninety (90) days from last day of receipt of applications and grant additional Connectivity to InSTS to Distribution Licensee based on available transmission capacity, or on pro-rata basis, if necessary. Connectivity to InSTS once granted shall remain valid until relinquished.
- b) The Nodal Agency shall grant additional Connectivity to InSTS to Distribution Licensee based on applications received under Regulation 6.7 b) of these regulations by 31<sup>st</sup> March of the same financial year, keeping in view the available transmission capacity or timeline of augmentation, indicating the date from which such additional Connectivity to InSTS shall be effective. Connectivity to InSTS once granted shall remain valid until relinquished.
- c) The total Connectivity to InSTS of Distribution Licensee shall be the sum of Connectivity to InSTS deemed to have been granted under Regulation 8.3(a) and additional Connectivity to InSTS granted under this Regulation.
- d) Intra-State entity-wise Connectivity to InSTS deemed to have been granted to Distribution Licensee under Regulation 17.1 and additional Connectivity to InSTS granted under this Regulation shall form the basis for raising the bills.

### **8.4 Grant of General Connectivity to InSTS to entities other than Distribution Licensee**

- a) The Nodal Agency shall grant Connectivity to InSTS to entities covered under clauses (c) to (e) of Regulation 5.2 specifying start date of Connectivity to InSTS, as per the following timeline:
  - i) where Connectivity to InSTS is granted on the existing system: by the end of the month subsequent to the month in which application complete in all respects has been received;
  - ii) where augmentation of transmission system is required: within ninety (90) days from the end of the month in which application complete in all respects has been received

Provided that the Nodal Agency shall grant Connectivity to InSTS with start date of Connectivity to InSTS keeping in view the timeline of augmentation of the transmission system.



b) Entities covered under clause (e) of Regulation 5.2 and

- i) applying Connectivity to InSTS for injection into the Indian Grid shall comply with all requirements as applicable to entities under Regulation 5.1:
- ii) For entities covered under Regulation 8.4 (b) (i), Conn-BG1, Conn-BG2 and Conn-BG3 shall be returned in accordance with Regulation 16 of these regulations or on expiry of period of Connectivity to InSTS, whichever is earlier;
- iii) applying Connectivity to InSTS for drawal from the Indian Grid shall comply with all requirements as applicable to entities under Regulation 5.2 (d).

They shall have to adopt the procedures as enlisted under the CERC (Connectivity and General Network Access to the Interstate Transmission System) Regulation 2022 and amendments thereof, in addition to this regulation.

8.5 Details of entities which have been granted Connectivity to InSTS along with quantum, period and start date of Connectivity to InSTS shall be published by the Nodal Agency, on its website, within 30 (thirty) days of grant of Connectivity to InSTS.

## 9 Bank Guarantee for General Connectivity

9.1 Bank Guarantee for Connectivity shall be submitted by an Applicant in three parts, Conn-BG1 amounting to Rs. 1 lakh/ MW, and Conn-BG2 and Conn-BG3, as provided in Regulations 9.2 and 9.3 of these regulations.

9.2 For cases covered under (i) Regulation 8.1 of these regulations and (ii) Regulation 8.2 (Augmentation without ATS) of these regulations, Conn-BG2 and Conn-BG3, shall be furnished as under:

- a) Conn-BG2 towards terminal bay(s) shall be furnished on the basis of number of terminal bay(s) allocated as under:

Voltage level of allocated terminal bay	Conn-BG2 (per terminal bay)
33kV	Rs 1 crore
132 kV	Rs. 2 crore
220/230 kV	Rs. 3 crore
400 kV	Rs. 6 crore
765 kV	Rs. 12 crore

Provided that no Conn-BG2 is required to be furnished by the entity, if the entity

- i) proposes to construct the terminal bay(s) on its own under Regulation 13.4 of these regulations, or
  - ii) seeks Connectivity at a terminal bay constructed or being constructed by another Connectivity grantee, or
  - iii) seeks Connectivity through electrical system or switchyard of a generating station,
- c) Conn-BG3 @ Rs. 2 lakh/MW, for the existing InSTS and augmentation without ATS, if any, shall be furnished by the entity.
- d) Conn-BG1, Conn-BG2 and Conn-BG3, as applicable, shall be furnished within 1 (one)

month of intimation of in-principle grant of Connectivity, failing which the application for Connectivity shall be closed and application fee shall be forfeited.

- 9.3 For cases covered under Regulation 8.2 of these regulations where augmentation with ATS is required, the entity that has been intimated in-principle grant of Connectivity, shall submit Conn-BG1 for Rs.1 Lakh/MW and Conn-BG2 equal to the estimated cost of ATS and terminal bay(s), within one month of intimation of in principle grant of Connectivity, failing which the application for Connectivity shall be closed and application fee shall be forfeited.
- 9.4 For applicants, where Connectivity is granted with augmentation (with ATS or without ATS), the Nodal Agency, within 6 (six) months of furnishing of Conn- BG1, Conn-BG2, and Conn-BG3, as applicable, as per Regulation 9.2 or Regulation 9.3 of these regulations, shall intimate to such entity the timeline for completion of augmentation, ATS, terminal bay(s), and firm date of start of Connectivity based on scheduled date of commercial operation of such elements:
- 9.5 Provided that if such ATS and terminal bay(s) are planned for more than one entity, Conn-BG2 shall be furnished in proportion to the quantum of Connectivity applied for by such entities.
- 9.6 In the event that the Nodal Agency does not intimate the details as per Regulation 9.4 of these regulations within 6 (six) months, the Nodal Agency shall furnish the reasons for such non-intimation to the entity with a copy to the Commission within one month of expiry of such period of six months with a probable date by which such timeline shall be furnished.
- 9.7 Conn-BG1, Conn-BG2, Conn-BG3, and BG submitted in terms of Clause (vii) (c) or Clause (xi)(b) of Regulation 6.13 of these regulations shall be issued by any scheduled commercial bank recognized by the Reserve Bank of India, in favour of Nodal Agency, as per the Format stipulated in the Detailed Procedure for Connectivity. Further, in lieu of paper based BG, e-BG issued by any scheduled commercial bank recognized by the Reserve Bank of India, in favour of Nodal Agency, as per the Format stipulated in the Detailed Procedure for Connectivity, shall be accepted subject to confirmation from the bank.
- 9.8 In case of closing of the Connectivity application in terms of Regulation 10.2 of these regulations, the Bank Guarantee submitted in terms of Clause (vii)(c) or Clause xi(b), of Regulation 6.13 of these regulations, shall be treated as per Regulation 6.5 d) of these regulations

## **9.9 Treatment of Connectivity Bank Guarantee**

- a) Nodal Agency shall return Conn-BG1 to the Connectivity grantee within 30 days of declaration of commercial operation of full capacity by the Connectivity Grantee.
- b) Conn-BG2 and Conn-BG3 shall be returned in five equal parts over five years corresponding to the generation capacity which has been declared under commercial operation by the Connectivity grantee.



- c) In case of non-payment of transmission charges for more than 3 months from the due date, such transmission charges shall be recovered by encashing Conn-BG1 (if subsisting), Conn-BG2 and Conn-BG3, as required. Connectivity shall be revoked from the date when Conn-BG2 and Conn-BG3, as available is not sufficient to cover transmission charges.
- d) The proceeds of encashed Conn-BG1, Conn-BG2 and Conn-BG3 in terms of Regulation 9.9 c), shall be adjusted in Monthly Transmission charges.
- e) BG submitted in terms of clause (vii) (c) or clause (Xi) (b) of regulation 6.13 of this regulations shall be treated in accordance with clause 6.5.
- f) Encashment of BG upon relinquishment of General Connectivity by entities covered under Regulation 8.1 and where Conn-BG2 and Conn-BG3, as applicable, has been furnished as per Regulation 9.2 the following shall apply:
  - i) In case of relinquishment of full quantum of Connectivity,
    - a) subsisting Conn-BG1 shall be encashed,
    - b) subsisting Conn-BG2 shall be encashed if the terminal bay(s) are already developed or construction of which has already been awarded for implementation and
    - c) subsisting Conn-BG3 shall be encashed.
  - ii) In case of relinquishment of part quantum of Connectivity,
    - a) subsisting Conn-BG2 shall be encashed in proportion to the relinquished quantum of Connectivity if the terminal bay(s) are already developed or the construction of which has already been awarded for implementation and
    - b) subsisting Conn-BG3 corresponding to the relinquished quantum of Connectivity shall be encashed. Conn-BG1 shall be returned in terms of Regulation 9.9 a) considering full capacity after excluding such relinquished quantum.
- g) Encashment of BG upon relinquishment of General Connectivity by covered under Regulation 8.2 and where Conn-BG2 has been furnished as per Regulation 9.3 of these regulations, the following shall apply:
  - i) In case of relinquishment of full quantum of Connectivity, subsisting Conn-BG1 shall be encashed and subsisting Conn-BG2 shall be encashed corresponding to the ATS and terminal bay(s), construction of which has already been awarded for implementation.
  - ii) In case of relinquishment of part quantum of Connectivity, subsisting Conn-BG2 shall be encashed in proportion to the relinquished quantum of Connectivity corresponding to the ATS and terminal bay(s), construction of which has already been awarded for implementation. Conn-BG1 shall be returned in terms of Regulation 17.1 considering full capacity after excluding such relinquished quantum

**10. Final Grant of Connectivity by the Nodal Agency**

- 10.1 Within 30 days of receipt of Conn-BG2 and Conn-BG3, as applicable, the Nodal Agency shall intimate the final grant of Connectivity to the entity that has been intimated in-principle grant of Connectivity. The intimation shall contain, inter alia, the following:
- a) Name of the InSTS sub-station or switchyard of the generating station, as the case may be, where Connectivity is granted.
  - b) In case of an existing InSTS sub-station, the terminal bay location along with Single Line Diagram.
  - c) In case of an InSTS sub-station under-construction, the coordinates and scheduled date of commercial operation of such InSTS sub-station, terminal bay location along with Single Line Diagram.
  - d) In case of a proposed InSTS sub-station, the tentative coordinates and the scheduled date of commercial operation of such InSTS sub-station.
  - e) The broad design features of the dedicated transmission lines including voltage level.
  - f) Start Date of Connectivity.
- 10.2 Where an Applicant has applied for Connectivity at the terminal bay already allocated to another Connectivity grantee or where two or more Applicants have applied for Connectivity at a common terminal bay, final grant of Connectivity as intimated under Regulation 10.1 of these regulations shall be subject to availability of capacity in the transmission/distribution system.

**11 Connectivity Agreement**

- 11.1 An entity which has been intimated the final grant of Connectivity, shall furnish technical connection data, inter alia, generator data for fault studies, dynamic simulation data, details of data and voice communication, to the Nodal Agency as stipulated in the Detailed Procedure for Connectivity and grant of Connectivity.
- Provided that in case the entity is not in possession of the final technical connection data, it may furnish tentative data to form part of the Connectivity Agreement and furnish the final data at least 1 (one) year prior to the physical connection. Such final technical connection data shall be appended with the Connectivity Agreement.
- 11.2 The Nodal Agency shall intimate the connection details, inter alia, details of protection equipment, system recording, SCADA and communication equipment, within a period of one month from the date of receipt of technical connection data under Regulation 10.1.
- 11.3 Within 30 days of the intimation of connection details by the Nodal Agency under Regulation 11.2, Connectivity Agreement shall be signed between the Nodal Agency and the entity which has been intimated final grant of Connectivity as per the arrangement

specified in Assam Electricity Regulatory Commissioning (Electricity Grid Code) Regulations 2024. On signing of the Connectivity Agreement such entity shall become the Connectivity grantee.

- 11.4 The technical connection data indicated at Regulation 11.1 and connection details indicated at Regulation 11.2 shall form part of the Connectivity Agreement.
- 11.5 Where Connectivity is granted at a proposed InSTS sub-station, the Nodal Agency, shall confirm the final coordinates within 2 months of award of contract for construction of such InSTS substation.
- 11.6 In case of failure to sign the Connectivity Agreement by the entity that has been intimated final grant of Connectivity, as required under Regulation 11.3, the Nodal Agency may extend the time for signing the Connectivity Agreement for a maximum period of 30 days, failing which the final grant of Connectivity shall be revoked by the Nodal Agency under intimation to the Applicant, the Conn-BG1, Conn-BG2 shall be encashed, and Conn-BG3 shall be treated in terms of Regulation 6.5 e).
- 11.7 The Connectivity Agreement, inter alia, shall include the following and other details as stipulated in the Assam Electricity Regulatory Commissioning (Electricity Grid Code) Regulations 2024.
  - a) Details of the allocated terminal bay(s) at InSTS sub-station subject to provisions of Regulation 11.5 of these regulations;
  - b) Start date of Connectivity;
- 11.8 The entity, may, for drawal of Start-up power or injection of infirm power, identify elements in the ATS and seek COD of those elements prior to the Start date of Connectivity as agreed in the Connectivity Agreement. A separate agreement shall be signed between the Nodal Agency and the entity for the same covering the commercial terms and conditions. Such entity shall be liable to pay transmission charges as per relevant regulation.
- 11.9 Connectivity grantee shall submit a copy of the signed Connectivity Agreement to SLDC
- 11.8 Connectivity grantee shall comply with the provisions of the CEA Technical Standards for Connectivity.

## **12 Monitoring by the Nodal Agency**

- 12.1 Connectivity grantee shall update the status of implementation of work under its scope, including dedicated transmission lines, every quarter to the Nodal Agency.
- 12.2 The Nodal Agency shall update the status of implementation of the ATS and terminal bays in respect of all Connectivity grantees, every quarter.
- 12.3 The Nodal Agency shall review and take corrective action based on the status of implementation of work under the scope of the Connectivity grantee as submitted under Regulation 12.1 and status of implementation of the ATS and terminal bay(s) as updated under Regulation 12.2.

The Nodal Agency shall monitor the fulfilment of conditions under these regulations by the entities that have been issued an in- principle or final grant of connectivity. The Nodal Agency shall publish the details of the compliances of these regulations on the website of the Nodal Agency.

- 12.4 For optimal utilisation of transmission system, the Nodal Agency with consent of the concerned Connectivity grantee(s), may rearrange the Connectivity across different terminal bay(s) of the same InSTS sub- station.
- 12.5 The Nodal Agency shall display the updated status of allocation of terminal bay(s), inter alia, quantum of Connectivity granted bay-wise and balance quantum for which Connectivity can be granted bay-wise, at existing or proposed InSTS sub-stations on its website and the same shall be updated on monthly basis.

### **13 Dedicated Transmission Lines and Bay(s)**

- 13.1 In case Connectivity grantee is a generating station or a captive generating plant or a standalone ESS, the dedicated transmission lines shall be established, operated and maintained by such Connectivity grantee or as mutually agreed in the Connectivity Agreement.

While carrying out the operation and maintenance of the dedicated transmission line the entity shall adhere to the provisions of the relevant AERC and CEA rules and regulations.

- 13.2 In case Connectivity grantee is a Renewable Power Park Developer, the dedicated transmission lines shall be established, operated and maintained by such Renewable Power Park Developer or as mutually agreed in the Connectivity Agreement.
- 13.3 The dedicated transmission lines shall be constructed and maintained as per relevant AERC and CEA regulations.
- 13.4 The terminal bay(s) at the InSTS sub-station shall be under the scope of the transmission licensee owning the InSTS sub-station:

Provided that the Connectivity grantee may, if it so chooses, construct and maintain the terminal bay(s) at its own cost, by entering into an agreement with the transmission licensee owning the InSTS sub-station, subject to prior approval of the Nodal Agency:

Provided further that in case the Connectivity grantee chooses to construct the terminal bay(s) at its own cost, no cost towards such terminal bay(s) shall be claimed by the Connectivity grantee in the event of revocation of its Connectivity:

Provided also that in such case of revocation of Connectivity, the Connectivity grantee shall dismantle the terminal bay within 3 months failing which the STU may utilise the bay for some other Connectivity applicant.

- 13.5 In case of an entity connected to the network of a distribution licensee covered under Regulation 5.2 b), the line to connect such an entity to the network of the distribution licensee and necessary augmentation for providing the connection, shall be constructed and maintained by the distribution licensee at the cost of such entity or as mutually agreed upon.

#### **14 Injection of Infirm Power and drawal of Start-up Power**

Connectivity grantee shall be eligible to inject infirm power and draw start-up power in accordance with the provisions of the AERC Electricity Grid Code 2024.

#### **15 Interface Meter and Telemetry.**

- 15.1 Interface meters shall be installed by the State Transmission Utility/ Distribution Licensee as the case may be and at the cost of the Applicant who has been granted Connectivity to the InSTS. The applicants shall have to abide by the provisions of the Metering Code of AERC (Electricity Grid Code) Regulations 2024.
- 15.2 Interface meters as installed under Regulation 15.1, shall be open for inspection by any person authorized by the State Transmission Utility or State Load Despatch Centre.
- 15.3 Infrastructure necessary for time block wise energy metering and accounting along with availability of RTU and communication facility to transmit meter and real time data to SLDC shall be developed by the applicant in co-ordination with State Transmission Utility/ Distribution Licensee as the case may be as per the provisions of the state grid code and relevant regulations in force.

#### **16 Transfer of Connectivity**

- 16.1 A Connectivity grantee shall not transfer, assign or pledge its Connectivity and the associated rights and obligations, either in full or in parts, to any person except as provided under Regulations 16.2 and 16.3 of these regulations.

Provided that Connectivity granted to a parent company may be utilised by its subsidiary companies and Connectivity granted to a subsidiary may be utilised by its parent company.

- 16.2 Where the Connectivity grantee is an REGS, it may split its Connectivity in parts, after COD of such part, subject to the minimum capacity in accordance with Regulation 5.1 of these regulations, and submit the installed capacity of each part to the Nodal Agency. In such an event, the Connectivity shall be deemed to have been split in proportion to installed capacity of each such part:

Provided that all liabilities and obligations in accordance with these regulations shall continue to remain with the Connectivity grantee for each part.

- 16.3 Any person which acquires 51% or more shareholding of the company or its subsidiary or affiliate company owning REGS, may, after COD of full capacity or such split part in terms



of Regulation 16.2, apply to the Nodal Agency for transfer of Connectivity for the full capacity or the split capacity, as the case may be. The Nodal Agency shall issue revised grant of Connectivity on submission of applicable Conn-BG2 and Conn-BG3 by such entity. The original grantee may substitute its Conn-BG2 and Conn-BG3 with revised Conn-BG2 and Conn-BG3, to be intimated by the Nodal Agency. On issue of revised grant of Connectivity, such person shall enter into a fresh Connectivity Agreement and be responsible for compliance with all applicable regulations.

Provided that all liabilities and obligations in accordance with these regulations, for the Connectivity not transferred, shall continue to remain with the original Connectivity grantee.

## **17 Deemed Grant of General Connectivity to the InSTS**

17.1 On the date, these regulations come into force,

- a. Connectivity to the InSTS for a (i) Distribution Licensee and (ii) other drawee entities, shall be the average of 'A' for the financial years 2020-21, 2021-22, 2022-23, 2023-24 and 2024-25:  
where,  
$$'A' = \{0.5 \times \text{maximum drawal in a time block during the year}\} + \{0.5 \times [\text{average of (maximum drawal in a time block in a day) during the year}]\}$$
- b. GNA deemed to have been granted to STU under CERC (Connectivity and General Network Access to the Interstate Transmission System) Regulation'2022 and amendments thereof, shall be segregated for each intra-State entity, including distribution licensee, by the respective SLDC, and intimated to STU, CTU and NLDC within 1 month of publication of details by the NLDC.
- c. Connectivity for a Distribution Licensee including drawee entities connected to their network as per this regulation and subsequent amendments thereof shall be deemed to have been granted to the distribution licensee on behalf of such drawee entities connected to the network of the licensee and shall remain valid until relinquished.
- d. Grant of Connectivity deemed to have been granted to the Distribution Licensee as per clause (c) of this Regulation, shall be published by the Nodal Agency within 60 (sixty) days of notification of these regulations, as (i) grant of connectivity within the State and (ii) grant of connectivity from outside state, in proportion to contracts, within the state and outside the state.
- e. Grant of Connectivity deemed to have been granted to Distribution Licensee under clause(d) of this Regulation, shall be segregated, as applicable for each drawee entity connected to the distribution licensee by the distribution licensee and intimate to Nodal Agency within 60 (sixty) days of publication of details by the Nodal Agency under clause (d) of this Regulation.

- f. Provided that in case a Distribution Licensee fails to provide such segregation, the pro rata grant of Connectivity shall be allocated to each drawee entity connected to its network in the ratio of their Long Term Open Access and Medium Term Open Access, as included in the first bill raised in the previous month.
- g. The Central generating stations which are connected to the state grid and have not been granted Long term Access under the Connectivity Regulations, 2009 but whose power is allocated by the Ministry of Power, shall be deemed to have been granted grant of Connectivity equal to the installed capacity of such generating station(s).
- h. Connectivity granted to a Trading licensee, other than for cross border trade of electricity in terms of the Cross Border Regulations, shall be part of the grant of connectivity deemed to have been granted to the concerned grid connected entity(ies) under clauses (a) to (f) of this Regulation:

Provided that settlement of transmission charges inter-se between such trading licensee and the concerned grid connected entity(ies) shall be made in terms of the existing agreement between them or as may be mutually agreed.

- i. Connectivity granted to a Trading licensee engaged in cross border trade of electricity in terms of the Cross Border Regulations shall be the grant of connectivity deemed to have been granted to such trading license under these regulations for the period of such connectivity.

They shall have to adopt the procedures as enlisted under the CERC (Connectivity and General Network Access to the Interstate Transmission System) Regulation'2022 and amendments thereof, in addition to this regulation.

- 17.2 Details of entities deemed to have been granted Connectivity to InSTS under these regulations shall be published by the Nodal Agency on its website within 60 (sixty) days of coming into force of these regulations.

## **18 Use of General Connectivity to InSTS by other grantee(s)**

An entity covered under Regulation 5.2 which is a Connectivity grantee, may authorise other grantee who has been granted Connectivity under 5.2, to use its Connectivity to InSTS, in full or in part, with prior approval of the Nodal Agency, for a period not exceeding 11 (eleven) months at a time on mutually agreed terms and conditions:

Provided that payment liability for transmission charges shall continue to be with the original Connectivity to InSTS grantee that authorised its Connectivity to InSTS to be used by other Connectivity to InSTS grantee(s):



Provided further that for the purpose of calculating charges, Connectivity to InSTS authorised to be used by other grantee(s) shall be reduced from original Connectivity grantee that authorised its Connectivity to InSTS to be used by other Connectivity grantee(s) and shall be added to Connectivity of other Connectivity grantee(s) which is using it.

The Connectivity to InSTS grantee that intends to authorise the use of its Connectivity by other Connectivity grantee(s), shall apply to the Nodal Agency in terms of the Detailed Procedure for Connectivity to InSTS.

**CHAPTER-4****RELINQUISHMENT OF CONNECTIVITY TO INSTS****19 Relinquishment of General Connectivity.**

- 19.1 Connectivity grantee may relinquish, in full or in part, the Connectivity with a notice of 30 days to the Nodal Agency. The Nodal Agency shall issue revised grant of Connectivity to such Grantee, in case the Connectivity has been relinquished in part.
- 19.2 Upon relinquishment of General Connectivity BG submitted as per clause (vii) (c) or (xi) (b) of regulation 6.13, Conn-BG1, Conn-BG2 and Conn-BG3 shall be encashed as per clause 9.9 of this regulation.
- 19.3 The proceeds of encashed Conn-BG1, Conn-BG2 and Conn-BG3 in terms of Regulations 19.2 of these regulations, shall be used for reducing Monthly Transmission Charges.
- 19.4 In case of revocation of Connectivity or relinquishment of Connectivity, corresponding Connectivity to InSTS shall be reduced. In case a Connectivity grantee relinquishes the Connectivity in full, it shall be disconnected from the InSTS from the date of relinquishment of Connectivity. On revocation, there shall be no more billing for the corresponding quantum.
- 19.5 For an entity covered under Regulation 5.2, Connectivity to InSTS once granted can be relinquished with a notice of 30 days to the Nodal Agency, in full or in part, on payment of relinquishment charges in advance as per following:
- a) For an entity covered under clause (b) of Regulation 5.2 of these regulations, Distribution Licensee may relinquish Connectivity to InSTS on behalf of identified drawee entity. The relinquishment charges shall be equal to 24 times the transmission charges paid by such drawee entity for the last billing month corresponding to the relinquished quantum.
  - b) For an entity covered under clauses a) and c) to e) of Regulation 5.2 of these regulations, the relinquishment charges shall be equal to 24 times, the transmission charges paid by such entity for the last month corresponding to the relinquished quantum.
- Provided that, if the balance period of Connectivity to InSTS is less than 24 months, the relinquishment charges shall be equal to the number of balance months times the transmission charges paid by such entity for the last month corresponding to the relinquished quantum.
- c) Relinquishment charges received under clauses (a) and (b) of this Regulation shall be used for reducing Monthly Transmission Charges.
  - d) On relinquishment of full quantum of General Connectivity to InSTS by entity covered

under clause (c) of Regulation 5.2 of these regulations, such entity shall be disconnected from the InSTS.

- 19.6 In case an entity including a distribution licensee having Connectivity to InSTS covered under clause (a) and (b) of Regulation 5.2, substitutes Connectivity to InSTS with Connectivity to InSTS under clause (c) of Regulation 18.1, Connectivity for such drawee entity shall be reduced from the total Connectivity of the distribution licensee as held under clause (c) of Regulation 8.3, for the quantum so substituted and for such substituted period.
- 19.7 For Connectivity Grantees covered under sub-clause (c) of Clause (vii) or sub-clause (b) of Clause (xi) of Regulation 6.13 of these regulations:
- (a) In case full or part of Connectivity is relinquished within six months of the final grant of Connectivity, 50% of the subsisting Bank Guarantee submitted under sub-clause (c) of Clause (vii) or sub-clause (b) of Clause (xi) of Regulation 6.13 of these regulations, corresponding to relinquished quantum shall be encashed, and the balance shall be returned;
  - (b) If the Connectivity is relinquished after six months of the final grant of Connectivity, 100% of the subsisting Bank Guarantee submitted under sub-clause (c) of Clause (vii) or sub-clause (b) of Clause (xi) of Regulation 6.13 of these regulations, shall be encashed.

## **20. Revocation of Connectivity.**

- 20.1 (a) Connectivity shall be revoked for the corresponding capacity, if the Connectivity made effective in terms of these regulations and the Connectivity grantee fails to achieve COD either in full or in parts on or before,
- i) the scheduled date of commercial operation of the generation project, for cases covered under clause (xi)(a) of the Regulation 6.13, as intimated at the time of making application for grant of Connectivity or as extended or delayed commissioning permitted by the Renewable Energy Implementing Agency or the distribution licensee or the authorized agency on behalf of distribution licensee, as the case may be.
  - ii) six months after the scheduled date of commercial operation as intimated at time of making application for grant of Connectivity, for cases covered under clause (xi)(b) of the Regulation 6.13.
- b) In case of Applicants which have been granted Connectivity under clause (xi)(b) of the Regulation 6.13 but are subsequently covered under clause (xi)(a) of the Regulation 6.13, the last date for declaration of COD shall be the SCOD of the project or as extended or delayed commissioning permitted by the Renewable Energy Implementing Agency or the distribution licensee or the authorized agency on behalf of distribution licensee, as the case may be.

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- c) Connectivity granted to an REGS (other than Hydro generating station) or ESS (excluding PSP) shall be revoked, if LOA or PPA on basis of which Connectivity was granted, is terminated prior to the COD of the project.
  - d) Connectivity granted to a Renewable Power Park developer shall be revoked for the corresponding capacity, if the generating station(s) within the Power park fails to achieve COD on or before,
    - (i) scheduled date of commercial operation of the generation project as per LOA or PPA as extended or delayed commissioning permitted by the Renewable Energy Implementing Agency or the distribution licensee or the authorized agency on behalf of distribution licensee, as the case may be.
    - (ii) six months after the scheduled date of commercial operation for generating station(s) being set up without LOA or PPA.
- 20.2 In case of revocation of Connectivity under subclauses (a) to (d) of Clause 20.1 of this regulation, Conn-BG-1, Conn-BG2 and Conn-BG3 shall be dealt with in terms of regulation 9.9 of these regulations, as applicable

**CHAPTER-5****MISCELLANEOUS****21 Detailed Procedure**

21.1 Nodal Agency, i.e., STU shall issue the 'Detailed Procedure for Connectivity and Access to InSTS' in line with these regulations, including the following formats after stakeholders' consultation within a period of 3 months of notification of these regulations and submit the same for approval of the Commission:

- i. Affidavit by the applicant.
- ii. Application for Connectivity.
- iii. Application for utilization of Connectivity.
- iv. Approval for utilization of Connectivity.
- v. Intimation for in-principle grant of Connectivity.
- vi. Intimation of details.
- vii. Format for BG submitted under clause (vii) (c) or (xi) (b) of 6.13, Conn-BG1, Conn-BG2 and Conn-BG3.
- viii. Intimation for final grant of Connectivity.
- ix. Technical connection data
- x. Intimation of connection details
- xi. Connectivity Agreement
- xii. Status updation of scope of works
- xiii. Status updation of ATS and terminal bay(s)
- xiv. Status of allocation of terminal bay(s) and other details
- xv. Application for transfer of Connectivity
- xvi. Grant of General Connectivity to InSTS;
- xvii. Application for use of Connectivity to InSTS by other Connectivity to InSTS grantee(s);
- xviii. Relinquishment of Connectivity to InSTS;

**21.2 Power to Relax**

The Commission, for reasons to be recorded in writing, may relax any of the provisions of these regulations on its own motion or on an application made before it by an affected party to remove the hardship arising out of the operation of these regulations.

### **21.3 Power to Remove Difficulty**

If any difficulty arises in giving effect to the provisions of these regulations, the Commission may, on its own motion or on an application made before it by affected party by order, make such provision not inconsistent with the provisions of the Act or provisions of other regulations specified by the Commission, as may appear to be necessary for removing the difficulty in giving effect to the objectives of these regulations.

### **21.4 Redressal Mechanism**

- a) All disputes and complaints regarding connectivity shall be first referred to the Grid Code Management Committee constituted under the State Grid Code. The Committee shall investigate and shall resolve the grievance within 30 days; and if the Committee is unable to redress the grievance, it shall be referred to the Commission by the Committee.
- b) If the applicant is aggrieved or not satisfied with the decision of the Grid Code Management Committee, within 7 working days, he may appeal before the Commission for adjudication of the matter. The Commission shall dispose the Appeal within a period of three months and the order issued by it, shall be binding on the parties.  
Provided that such appeal shall be accompanied by a fee as specified in the Assam Electricity Regulatory Commission (Payment of Fees) Regulations, 2024 (Clause 17.4.1), as amended from time to time.

**ASHOK KUMAR BARMAN, (RETD.),**  
Secretary,  
Assam Electricity Regulatory Commission.